

I Claim

1. A vane mounting arrangement comprising an aperture in a mounting platform to receive a mounting end of a vane,
5 the arrangement including selectively expansive means between the aperture and the mounting end to provide a seal and/or association between them.
2. An arrangement as claimed in claim 1, wherein the expansive means comprises an inflatable bladder.
- 10 3. An arrangement as claimed in claim 1, wherein the bladder is inflatable by a fluid such as a gas, liquid or both.
4. An arrangement as claimed in claim 3, wherein the fluid is an electro rheological or magnetic rheological
15 fluid which changes its viscosity when subjected to an electrical potential or a magnetic field.
5. An arrangement as claimed in claim 1, wherein the expansive means acts principally between the mounting end and an opposed surface of the aperture in the mounting
20 platform.
6. An arrangement as claimed in claim 1, wherein the expansive means also provides vibration control and/or vibration decoupling between the mounting end and the mounting platform.
- 25 7. An arrangement as claimed in claim 1, wherein the expansive means is secured to the mounting end and/or the aperture.
8. An arrangement as claimed in claim 1, wherein the expansive means is secured by adhesive or an interference
30 fit or keyed association.
9. An arrangement as claimed in claim 1, wherein there is planar engagement between the mounting end and the expansive means.

10. An arrangement as claimed in claim 1, wherein the expansive means is an inflatable hollow member such as a sheath or boot filled with a pressurised fluid for expansion.

5 11. An arrangement as claimed in claim 1 wherein the expansion means comprises several expandable members which combine about the mounting end.

12. An arrangement as claimed in claim 1 wherein the arrangement provides an aperture in an inner platform
10 and/or an outer platform or apertures in opposed platforms.

13. A gas turbine engine including a vane mounting arrangement as claimed in claim 1.

14. A mounting platform including a plurality of apertures, each aperture arranged to receive a mounting end
15 of a respective one of a plurality of vanes with a respective selectively expandable means provided between that aperture and the mounting end of the respective vane.

15. An outlet guide vane mounted in an arrangement as claimed in claim 1.